Goat CD5 Antigen-like/scavenger receptor cysteine rich family ELISA Kit | CD5L elisa kit

Goat CD5 Antigen-like/scavenger receptor cysteine rich family ELISA Kit

CATALOG #	REACTIVITY
AAA93213	**Goat**

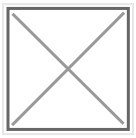
PRODUCT SYNONYMS

CD5 Antigen-like/scavenger receptor cysteine rich family; Goat CD5 Antigen-like/scavenger receptor cysteine rich family ELISA Kit; CD5L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This CD5L ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat CD5L. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD5L elisa kit	**Principle of the Assay:** CD5L ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CD5L antibody and an CD5L-HRP conjugate. The assay sample and buffer are incubated together with CD5L-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CD5L concentration since CD5L from samples and CD5L-HRP conjugate compete for the anti-CD5L antibody binding site. Since the number of sites is limited, as more sites are occupied by CD5L from the sample, fewer sites are left to bind CD5L-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD5L concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CD5L elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174411
NCBI GeneID	922
NCBI Accession #	NP_005885.1

NCBI GenBank Nucleotide #	NM_005894.2
Molecular Weight	38,088 Da
NCBI Official Full Name	CD5 antigen-like
NCBI Official Synonym Full Names	CD5 molecule-like
NCBI Official Symbol	CD5L
NCBI Official Synonym Symbols	AIM; API6; PRO229; Spalpha; SP-ALPHA
NCBI Protein Information	CD5 antigen-like; CT-2; apoptosis inhibitor 6; igM-associated peptide; CD5 antigen-like (scavenger receptor cysteine rich family)
UniProt Protein Name	CD5 antigen-like
UniProt Gene Name	**CD5L**
UniProt Synonym Gene Names	API6; UNQ203/PRO229
UniProt Entry Name	CD5L_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/cd5l-goat-elisa-kits/cd5-antigen-like-scavenger-receptor-cysteine-rich-family/93213